

**ANNUAL REPORT OF LOAN AWARDS
THE VERMONT
ENVIRONMENTAL PROTECTION AGENCY (EPA)
POLLUTION CONTROL REVOLVING FUND
ALSO KNOWN AS THE CWSRF**

STATE FISCAL YEARS 2017 - 2018

Title 24 VSA, Section 4753a (a)

Submitted to the Vermont General Assembly By:

Department of Environmental Conservation

Agency of Natural Resources

January 15, 2018

Agency of Natural Resources
Department of Environmental Conservation
Annual Report of Loan Awards
The Vermont Environmental Protection Agency (EPA) Pollution Control Revolving Fund
State Fiscal Years 2017 – 2018

The following report is submitted pursuant to Title 24 V.S.A, Section 4753a(a), which requires the Secretary of the Agency of Natural Resources to provide the general assembly with an annual summary of loan awards made during the prior and current fiscal years from the pollution control revolving fund established by Title 24 V.S.A Section 4753, and to report on and seek legislative approval for all types of projects for which awards are proposed to be made from the funds for the balance of the current and subsequent fiscal year.

Attached are four tables summarizing loan awards and project types financed through the Vermont Environmental Protection Agency (EPA) Pollution Control Revolving Fund.

Table 1 consists of loan awards made during fiscal year 2017. Table 2 consists of awards made thus far during fiscal year 2018 and those that are pending and expected to be awarded during fiscal year 2018. Table 3 is a listing of the remaining planning and construction projects anticipated to be funded in fiscal year 2018 and potential construction funding in 2019, which may change somewhat due to projects being removed and/or dollar amounts adjusted before finalization, and potential projects in fiscal year 2018. Table 4 is a list of the types of projects eligible to receive funding through the CWSRF.

TABLE 1			
CWSRF PROJECTS FUNDED DURING STATE FISCAL YEAR 2017			
Award Date	Loan Recipient	Project Description	Loan Amount
7/5/16	Montpelier, City of, RF1-191-1.0	Planning – WWTF Refurbishment	51,300
7/15/16	Montpelier, City of, RF1-190-1.0	Planning – East State St. CSO	29,616
7/25/16	Proctor, Town of, RF1-194-1.0	Planning – Willow St. Pump Station	20,300
8/1/16	Shelburne, Town of, RF1-186-1.0	Planning – Collection System Evaluation and Improvements	37,800
8/1/16	Putney, Town of RF1-189-1.0	Planning – Asset Management Plan	27,250
8/15/16	Rutland, City of, RF1-193-1.0	Planning – H&H CSO Modeling	251,022
9/1/16	Addison, Town of, RF1-195-2.0	Final Design – Community Wastewater System Development	50,000
9/15/16	Royalton, Town of, RF1-138-2.0	Final design – Wastewater Treatment Facility (WWTF) Refurbishment.	152,200

TABLE 1			
CWSRF PROJECTS FUNDED DURING STATE FISCAL YEAR 2017			
Award Date	Loan Recipient	Project Description	Loan Amount
9/26/16	Springfield, Town of, RF1-184-2.0	Final Design – J&L CSO Project	177,100
10/1/2016	Montpelier, City of, RF1-192-1.0	Planning – Northfield St. Sewer Improvements	36,680
10/15/16	Saint Johnsbury, Town of, RF1-153-2.3	Final Design (Amendment) – WWTF and Pump Station Refurbishment and Oak St. CSO	80,250
10/15/16	Hartford, Town of, RF1-188-1.0	Planning – Collection System Baseline Mapping	242,000
1/24/17	Williston, Town of, RF1-179-3.2	Construction (Amendment) – Rte. 2A Gravity Sewer Pipe Replacement	132,292
1/24/17	Burlington, City of, RF1-187-1.0	Planning – Gravity Pipe Assessment	997,204
1/25/17	Bennington, Town of, RF1-198-1.0	Planning – WWTF Refurbishment	32,400
4/3/17	Castleton, Town of, RF1-201-2.0	Final Design – Rte. 30 Sewer Improvements	17,800

TABLE 1			
CWSRF PROJECTS FUNDED DURING STATE FISCAL YEAR 2017			
Award Date	Loan Recipient	Project Description	Loan Amount
4/10/17	Jeffersonville, Village of, RF1-199-1.0	Planning – WWTF Evaluation	24,800
5/25/17	North Branch Fire District #1, RF1-197-2.0	Final Design – Wastewater Treatment and Disposal Improvements	280,097
6/6/17	Rochester, Town of RF1-207-1.0	Planning – Site 1 and Site 3 Renovation	11,068
6/8/17	Hyde Park, Village of, RF1-200-1.0	Planning – Wastewater System Evaluation and Planning	42,700
6/9/17	Burlington, City of, RF1-196-1.0	Planning – Integrated Stormwater and Wastewater Planning and Early Implementation	600,000
6/13/17	Shelburne, Town of, RF1-186-2.0	Final Design – Collection System Evaluation and Improvements	94,000
6/13/17	Cavendish, Town of, RF1-206-1.0	Planning – WWTF Aeration System Refurbishment	9,750

TABLE 1			
CWSRF PROJECTS FUNDED DURING STATE FISCAL YEAR 2017			
Award Date	Loan Recipient	Project Description	Loan Amount
6/22/17	Hartford, Town of, RF1-202-1.0	Planning – Quechee Utility Mapping, Inventory, and Condition Assessment	300,000
6/22/17	Derby Line, Village of, RF1-205-1.0	Planning – Stanstead QC WWTF Upgrade	12,500
Total			3,710,129

TABLE 2**CWSRF PROJECTS FUNDED & PENDING DURING STATE FISCAL YEAR 2018**

Award Date	Loan Recipient	Project Description	Loan Amount
7/10/17	Ryegate, Town of, RF1-185-3.0	Construction – Filter Bed #2 Replacement	66,759
7/19/17	Springfield, Town of, RF1-184-3.0	Construction Engineering – J&L CSO Construction Engineering	146,130
7/30/17	Rochester, Town of RF1-207-2.0	Final Design – Site 1 and Site 3 Renovation	35,996
8/9/17	Bellows Falls Village Corporation, RF1-180-3.0	Construction – Sewer Improvements Hadley, Oak, and Chase St.	377,500
8/15/17	Springfield, Town of RF1-203-3.0	Construction – J&L CSO Project	1,572,823
8/23/17	Montpelier, City of, RF1-192-3.0	Construction, Northfield St. Sewer Improvements	1,813,475
10/23/17	Waitsfield, Town of RF1-208-3.0	Construction - Waitsfield Decentralized Wastewater Construction Program	234,184
Total Awarded			4,246,867

TABLE 2**CWSRF PROJECTS FUNDED & PENDING DURING STATE FISCAL YEAR 2018**

Award Date	Loan Recipient	Project Description	Loan Amount
Pending	Castleton, Town of, RF1-201-3.0	Construction - Rte. 30 Sewer Improvements	522,200
Pending	Cavendish, Town of, RF1-206-2.0	Final Design – WWTF Aeration System Refurbishment	26,800
Pending	Rochester, Town of, RF1-207-3.0	Construction – Site 1 and Site 3 Renovation	437,936
Pending	Shelburne, Town of, RF1-186-3.0	Construction – Collection System Evaluation and Improvements	1,699,353
Pending	Winooski, City of, RF1-213-1.0	Planning – WWTF Headworks Upgrade	12,800
Pending	Winooski, City of, RF1-212-1.0	Planning – Main St. Revitalization Project	212,000
Pending	Bennington, Town of, RF1-211-3.0	Construction – WWTF RBC Replacement	3,823,700
Pending	Proctor, Town of, RF1-209-2.0	Final Design – Ormsbee Ave.	62,000
Pending	South Burlington, City of, RF1-210-2.0	Final Design – Hadley Rd Sewer Service Area Refurbishment	264,000
Pending	St. Albans, City of, RF1-170-3.0	Construction – WWTF Refurbishment & TP Upgrade	6,727,800
Total Pending			13,788,589

Table 3

ADDITIONAL POTENTIAL CWSRF PROJECTS DURING STATE FY 2018 & FY 2019

Municipality	Project Description	Type	2018 Step I	2018 Step II	2018 Step III	2019 Step III
Addison, Town of	Addison Community Wastewater System	NPS				498,000
Barre, City of	WWTF 20 Evaluation	REF	75,000			
Barre, City of	Digester Cover Refurbishment	REF	15,000	30,000		700,000
Barre, City of	Trunkline and North Main St. wastewater improvements	REF	65,000			
Bennington, Town of	WWTF Refurbishment	REF		400,000	5,500,000	
Brandon, Town of	Park St. WW and SW Piping Replacement	REF	26,700	53,500		
Bristol, Town of	Bristol WWTF Upgrade	ENL	5,775	32,025	469,581	
Burlington, City of	WWTP Process and/or Capital Equipment Infrastructure Upgrades	REF	1,000,000			2,100,000
Burlington, City of	Integrated Water Quality Management Planning	SW		750,000		
Burlington, City of	Stormwater Outfall Assessment and Repair	NPS	100,000			250,000
Burlington, City of	City-wide Gravity Pipe Assessment and Rehabilitation	REF				4,325,000
Castleton, Town of	Crystal Heights Sewer	Sewer Ext			375,000	
Cavendish, Town of	WWTP Aeration Refurbishment	REF			750,000	

Table 3

ADDITIONAL POTENTIAL CWSRF PROJECTS DURING STATE FY 2018 & FY 2019

Municipality	Project Description	Type	2018 Step I	2018 Step II	2018 Step III	2019 Step III
Chester, Town of	Stormwater system development	SW		70,000		920,000
Chittenden Solid Waste District	Chittenden Regional Sludge Processing Facility	OTH	400,000	2,000,000		18,000,000
Chittenden Solid Waste District	Brewery Waste Diversion	OTH	5,000	10,000		180,000
Colchester Town Fire District #2	Malletts Bay Sewer Project	NPS		1,140,000		17,000,000
Derby Line, Village of	Stanstead Quebec WWTF Upgrade	REF			1,400,000	
Fair Haven, Town of	Adams St. Pump Station	REF	40,000			450,000
Fair Haven, Town of	WWTF Refurbishment	REF	25,000			1,075,000
Hartford, Town of	South Main Street Stormwater Improvements	SW	25,000	65,000	910,000	
Hartford, Town of	Hartford White River Junction	SW			650,000	
Ludlow, Town of	High St. Infrastructure Improvements	REF			310,000	
Ludlow, Town of	WWTF Refurbishment	REF	50,000			1,590,000
Middlebury, Town of	CSO Abatement	CSO	50,000			950,000
Milton, Town of	Milton Mobile Home Park	Sewer Ext	20,000	150,000	1,500,000	

Table 3

ADDITIONAL POTENTIAL CWSRF PROJECTS DURING STATE FY 2018 & FY 2019

Municipality	Project Description	Type	2018 Step I	2018 Step II	2018 Step III	2019 Step III
Montpelier, City of	WWTF Refurbishment	REF		250,000	4,500,000	
North Branch Fire District #1	WWTF Upgrade	REF			4,575,424	
Northfield, Village of	Main St. Drainage Separation	CSO	20,000			
Pawlet, Town of	RBC Assessment and Repair	REF		50,000	50,000	
Pittsford, Town of	Depot Hill Rd WW Pump Station	REF		20,000	455,600	
Pittsford, Town of	WWTF Process Modifications	REF			70,000	
Proctor, Town of	Ormsbee Ave Sewer and Stormwater Improvements	REF			392,000	
Proctor, Town of	Willow St. Pump Station	REF		35,000	300,000	
Richmond, Town of	West Main St. Sewer Extension	Sewer Ext		89,000	872,000	
Rutland, City of	Northwest Neighborhood CSO (Phase 1A)	CSO			1,910,000	
Rutland, City of	Vernon Street Sewer Abatement Project	REF	7,500	12,500		680,000
Saint Albans, City of	Lower Weldon CSO Abatement	CSO	40,000	100,000		850,000
Saint Johnsbury, Town of	Oak St. Drainage area sewer and storm improvements	CSO			1,528,400	

Table 3

ADDITIONAL POTENTIAL CWSRF PROJECTS DURING STATE FY 2018 & FY 2019

Municipality	Project Description	Type	2018 Step I	2018 Step II	2018 Step III	2019 Step III
Shelburne, Town of	WWTF Refurbishment	REF		100,000	1,400,000	
South Burlington, City of	Hadley Road Sewer Service Area Refurbishment	REF			2,050,000	
South Burlington, City of	Lane Press Pump Station & Force Main Upgrade	REF		290,000		2,340,000
South Burlington, City of	Bartlett Bay Wastewater Treatment Facility Refurbishment	REF				400,000
Total			1,969,975	5,647,025	29,968,005	52,308,000

Abbreviations as used in Table 2 above:

Step I - Preliminary Engineering

Step II - Final Design

Step III - Construction

SW - Stormwater

CSO - Combined Sewer Overflow Abatement

NPS - Non-Point Source (soils-based wastewater systems)

REF - Refurbishment

ENL - Enlargement

OTH - Other

TABLE 4
PROJECT TYPES MAY BE FUNDED
VERMONT ENVIRONMENTAL PROTECTION AGENCY (EPA) POLLUTION
CONTROL REVOLVING LOAN FUND

PROJECT TYPES
Enlargement - Increase in treatment plant hydraulic and/or organic capacity
Upgrade - Improvements to wastewater treatment facility (WWTF) processes and units with or without capacity increase
Refurbishment - Plant or sewer collection system renovation
Combined Sewer Overflow Abatement - Storm sewer/sanitary sewer separation, storage and/or treatment to abate pollution
Sewer Extension - Sewer system extension to abate existing pollution or to serve new areas
New Wastewater Treatment Facility - Construction of new wastewater collection, treatment, and disposal systems
I/I Correction - Improvements to reduce infiltration/inflow in the collection system
Storm Water Treatment - Stormwater management facilities necessary to remedy or prevent pollution of surface water or groundwater
Individual and Cluster Type On-site Systems - Construction of privately-owned on-site wastewater disposal/treatment systems with municipal design/construction oversight and long-term operating and maintenance agreement between owner and municipality (Note: Cluster systems are on-site systems serving more than one residence)
All projects are municipally owned unless otherwise noted